

P E S COLLEGE OF ENGINEERING,

MANDYA - 571 401, KARNATAKA

Building Details

Following are the building details of PESCE, Mandya showing number of floors and total built up area-

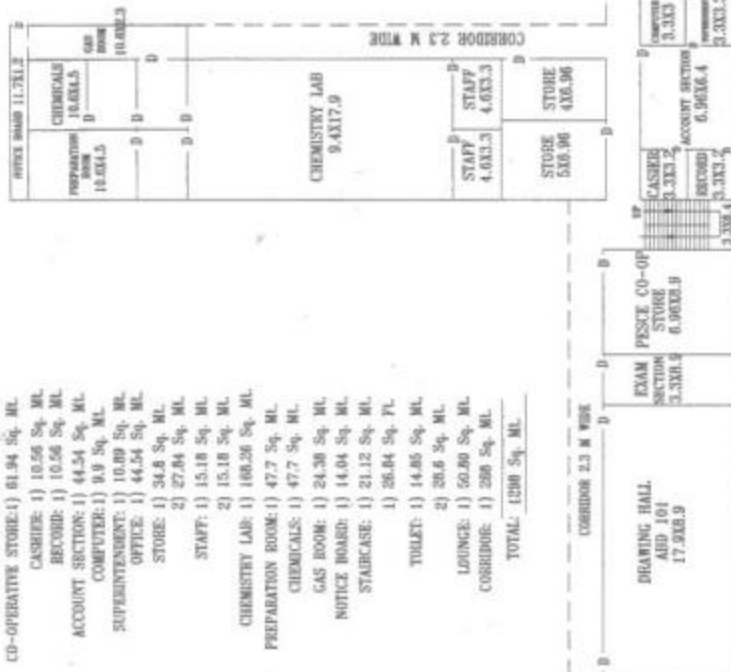
Sl. No	Department	Number of Floors	Built-up area in Sq.mt	Sheet No.
	Landscape of the PESCE, Mandya			
1	Administrative Block	3	3957.17	1-3
2	ALH Block	1	36.00	4
3	Automobile Engineering	2	1258.00	5
	a) Service station	1	124.00	6
	Civil Engineering	2	1443.00	7
	a) BMT & Hydraulics Lab	1	780.00	8
	b) Geology Block	1	1318.00	9
	c) Alumni Building	3	586.80	10
4	Computer Science & Engineering	3	1954.00	11-12
5	Electrical & Electronics Engineering	2	1445.00	13
	a) High voltage & CAD Lab	2	352.4	14
6	Electronics & Communications Engineering	3	1637.00	15
	a) Extension Block	3	1038.09	16
7	Industrial & Production Engineering	3	814.00	17
	a) Seminar Hall (2nd Floor)		215.59	18
8	Information Science & Engineering	1	406.00	19
	a) P E T Research Centre	1	406.00	20
	Library Block	2	837.00	21
9	MCA Block	4	1661.00	22-23
10	MBA Block	4	2274.3	24-27
11	Mechanical Engineering	2	502.00	28
	a) Staff room	2	285.00	29
	b) Workshop & Labs	1	2186.00	30
12	Placement Cell	2	2200.9	31
13	Sports and Cooperative Store Section	1	333.88	32
14	Medical Centre	1	36.00	33
15	Parking Area (Scooter/Cycle)	-	1575.00	34-35
16	Hostels			
	a) Boys Hostel in Campus & Extension block	3	4981.19	36-38
	b) VSVM Boys Hostel	2	3198.00	39-40
	c) Girls Hostel-1	2	1949.00	41-42
	d) Girls Hostel-2	3	2193.48	43-44
	d) Girls Hostel-3	3	2193.60	45-46
17	Garden and Building Materials Store	1	147.50	47
18	Open Air Theatre	1	146.00	48
19	Canteen Building	1	183.00	49
20	Stadium	1	9419.00	50
Total Area in Sq. Mts			54072.90	


Prof. H.V. VENKATAKRISHNA
 M.E., FIE (India), Chartered Engineer F. AIC(CEI), FIE, M./CI.
 Hrd. Prof. of Civil Engineering, MITK Surthkal, Karnataka
 C/O Flat No. 110, Sharavathi Drchids, 1st Main
 Padmanabhanagar, BANGALORE - 560 070 **F-014714/18**



AREA STATEMENT(GROUND FLOOR)

- DRAWING HALL AND 101: 1) 159.31 Sq. M.
 PRINCIPAL CHAMBER: 1) 90.96 Sq. M.
 EXAM SECTION: 1) 29.37 Sq. M.
 CO-OPERATIVE STORE: 1) 61.94 Sq. M.
 CASHIER: 1) 10.56 Sq. M.
 RECORD: 1) 10.56 Sq. M.
 ACCOUNT SECTION: 1) 44.54 Sq. M.
 COMPUTER: 1) 9.9 Sq. M.
 SUPERINTENDENT: 1) 10.89 Sq. M.
 OFFICE: 1) 44.54 Sq. M.
 STORE: 1) 34.8 Sq. M.
 2) 27.84 Sq. M.
 3) 15.18 Sq. M.
 STAFF: 1) 15.18 Sq. M.
 CHEMISTRY LAB: 1) 169.26 Sq. M.
 PREPARATION ROOM: 1) 47.7 Sq. M.
 CHEMICALS: 1) 47.7 Sq. M.
 GAS ROOM: 1) 24.38 Sq. M.
 NOTICE BOARD: 1) 14.04 Sq. M.
 STAIRCASE: 1) 21.12 Sq. M.
 1) 26.84 Sq. M.
 TOILET: 1) 14.85 Sq. M.
 2) 26.6 Sq. M.
 LOUNGE: 1) 50.80 Sq. M.
 CORRIDOR: 1) 298 Sq. M.
 TOTAL: 1298 Sq. M.



GROUND FLOOR

PLAN OF THE EXISTING ADMINISTRATIVE BUILDING (GROUND FLOOR) AT P.E.S COLLEGE OF ENGINEERING, MANDYA

Prepared By:
 CIVIL ENGINEERING DEPARTMENT

FLOOR AREA	GF: 1298 SMT
	FF: 1318 SMT
TOTAL	2616 SMT

AREA STATEMENT (FIRST FLOOR)

DRAWING HALL ABD 202: 1) 188.68 Sq. M.

CLASS ROOM: 1) 61.94 Sq. M.

2) 44.54 Sq. M.

3) 67.84 Sq. M.

4) 67.84 Sq. M.

5) 67.84 Sq. M.

6) 46.72 Sq. M.

DARK ROOM: 1) 65.42 Sq. M.

PHYSICS LAB: 1) 133.86 Sq. M.

COMPUTER & STORE: 1) 24.38 Sq. M.

STAFF: 1) 14.85 Sq. M.

2) 14.85 Sq. M.

3) 14.85 Sq. M.

GEOLOGY LAB: 1) 133.86 Sq. M.

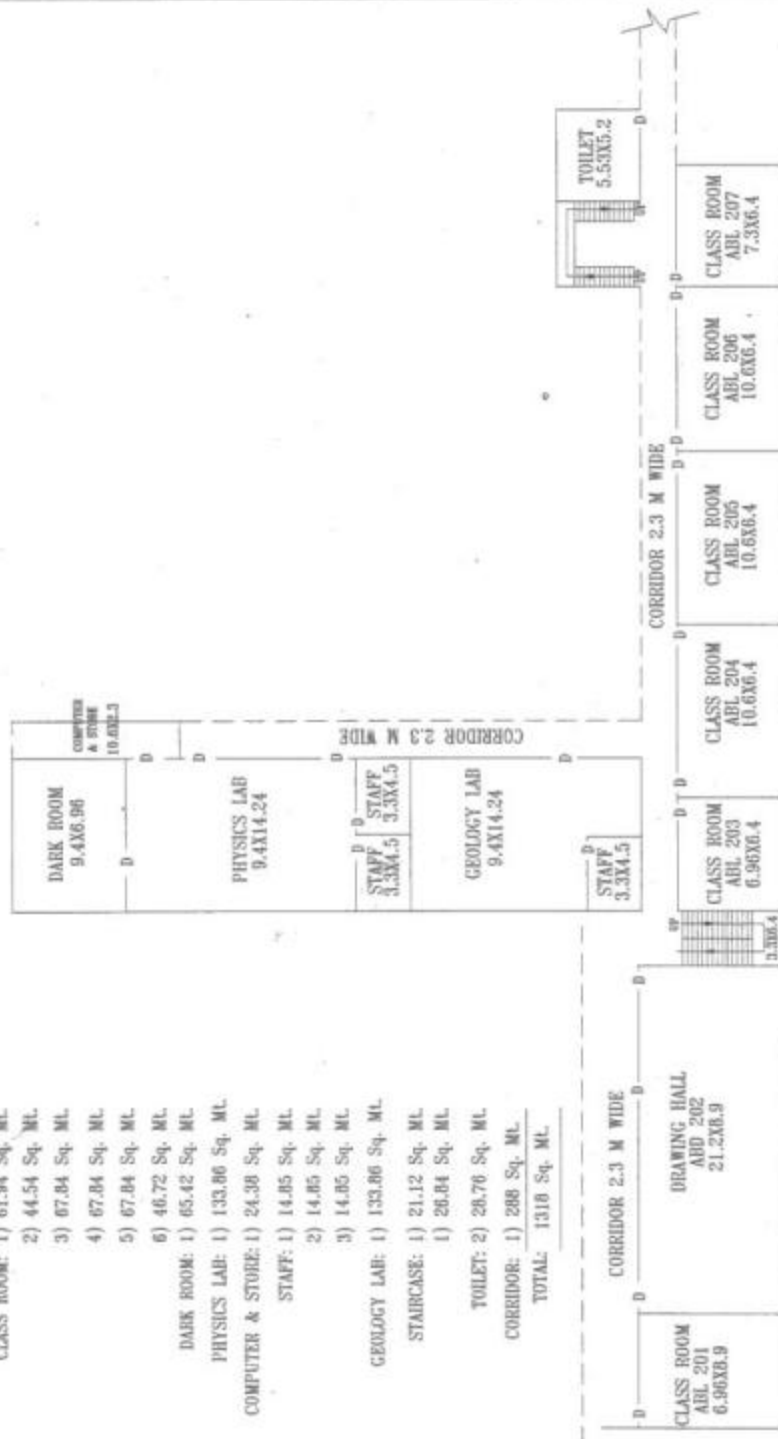
STAIRCASE: 1) 21.12 Sq. M.

1) 26.84 Sq. M.

TOILET: 2) 28.76 Sq. M.

CORRIDOR: 1) 288 Sq. M.

TOTAL: 1318 Sq. M.



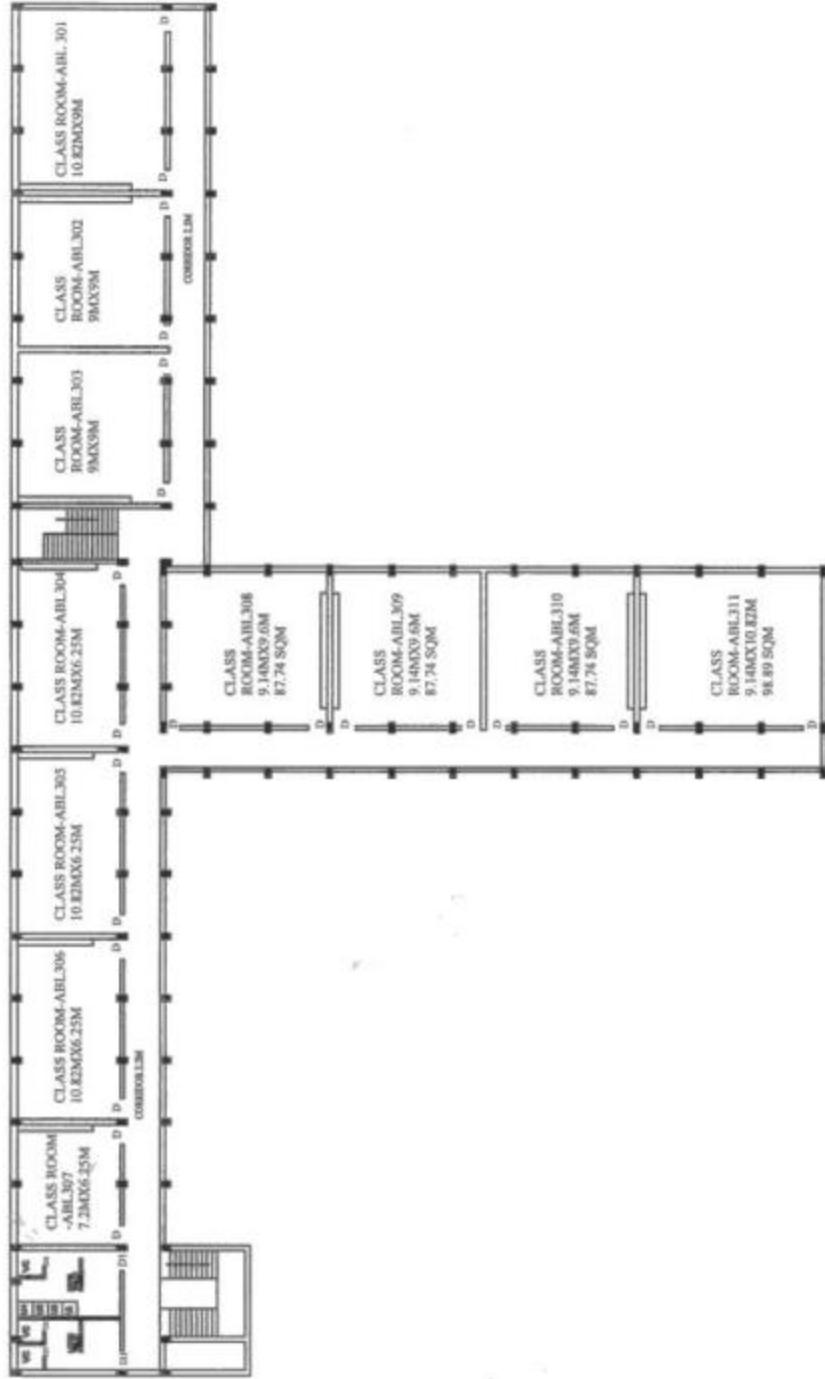
FIRST FLOOR

PLAN OF THE EXISTING ADMINISTRATIVE
BLOCK (1ST FLOOR) BUILDING AT P.E.S
COLLEGE OF ENGINEERING, MANDYA

Prepared By:

CIVIL ENGINEERING DEPARTMENT

FLOOR AREA: 1318 SMT.



BUILT UP AREA:

CLASS ROOMS	648.135 Sqm
CORRIDOR	1372.0 Sqm
CEILING TOLLET	26.54 Sqm
BOYS TOLLET	22.85 Sqm
W.C.	13.19 Sqm
TOTAL	1341.71 Sqm

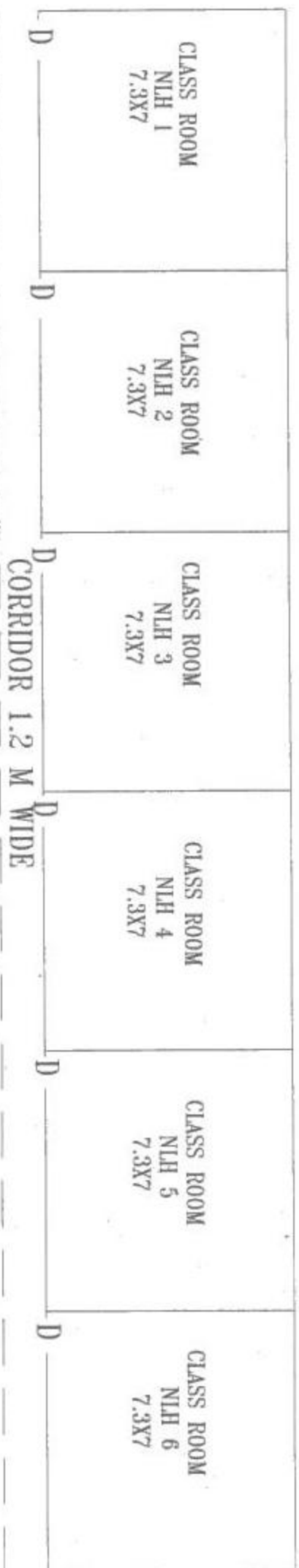


NEWLY CONSTRUCTED SECOND FLOOR PLAN, CLASSROOMS,
ADMINISTRATIVE BLOCK, P.E.S. COLLEGE OF ENGINEERING,
MANDYA.

S. JAYASHANKARABU
SPECIAL OFFICER
BUILDING DIVISION
P.E.S.C.E. MANDYA

DR. V. SRIDHAR
PRINCIPAL
P.E.S. COLLEGE OF ENG
MANDYA

DR. H.D. CHOWDALAH
PRESIDENT
P.E.T.(R), MANDYA



AREA STATEMENT

- CLASS ROOMS: 1) 51.1 Sq. Mt.
 - 2) 51.1 Sq. Mt.
 - 3) 51.1 Sq. Mt.
 - 4) 51.1 Sq. Mt.
 - 5) 51.1 Sq. Mt.
 - 6) 51.1 Sq. Mt.
- CORRIDOR: 1) 56 Sq. Mt.
- NLH TOTAL AREA 363 Sq. Mt.

PLAN OF THE EXISTING ~~ALH~~ CLASS ROOMS
 BUILDING AT P.E.S COLLEGE OF
 ENGINEERING, MANDYA

Prepared By:

CIVIL ENGINEERING DEPARTMENT

FLOOR AREA: 363 SMT.



FIRST FLOOR



CG

CORRIDOR 2.1 M WIDE

CG

AREA STATEMENT(FIRST FLOOR)

DRAWING HALL: 1) 108.23 Sq. M.
 LADIES ROOM: 1) 25.28 Sq. M.
 SEMINAR HALL: 1) 108.23 Sq. M.
 CLASS ROOMS: 1) 82.16 Sq. M.
 2) 53.72 Sq. M.
 3) 53.72 Sq. M.
 CORRIDOR: 1) 125 Sq. M.
 TOILET: 1) 7.5 Sq. M.
 LOUNGE & STAIRCASE: 1) 17.74 Sq. M.

TOTAL: 581 Sq. M.

AREA STATEMENT(GROUND FLOOR)

PROFESSOR & H.O.D: 1) 53.72 Sq. M.
 ASSISTANT PROFESSOR: 1) 53.72 Sq. M.
 OFFICE: 1) 53.72 Sq. M.
 LECTURERS HALL: 1) 53.72 Sq. M.
 COMPUTER: 1) 25.28 Sq. M.
 LIBRARY: 1) 53.72 Sq. M.
 CLASS ROOMS: 1) 53.72 Sq. M.
 2) 53.72 Sq. M.
 CORRIDOR: 1) 125 Sq. M.
 TOILET: 1) 25.28 Sq. M.
 2) 7.5 Sq. M.
 LOUNGE & STAIRCASE: 1) 17.74 Sq. M.

TOTAL: 577 Sq. M.

GROUND FLOOR

PLAN OF THE EXISTING AUTOMOBILE ENGG.
 DEPT AT P.E.S COLLEGE OF ENGINEERING,
 MANDYA

Prepared By:

CIVIL ENGINEERING DEPARTMENT

FLOOR AREA

GF: 577 SMT

FF: 681 SMT

TOTAL : 1258 SMT

SERVICE
PLATFORM
5.5X10.8

COMPRESSOR
5X3

LUBRICATION
5X6

PUMP
ROOM
1.5X3

STORE
5X3

AREA STATEMENT

SERVICE PLATFORM: 1) 59.4 Sq. Mt.

COMPRESSOR: 1) 15 Sq. Mt.

STORE: 1) 15 Sq. Mt.

LUBRICATION: 1) 30 Sq. Mt.

PUMP ROOM: 1) 4.5 Sq. Mt.

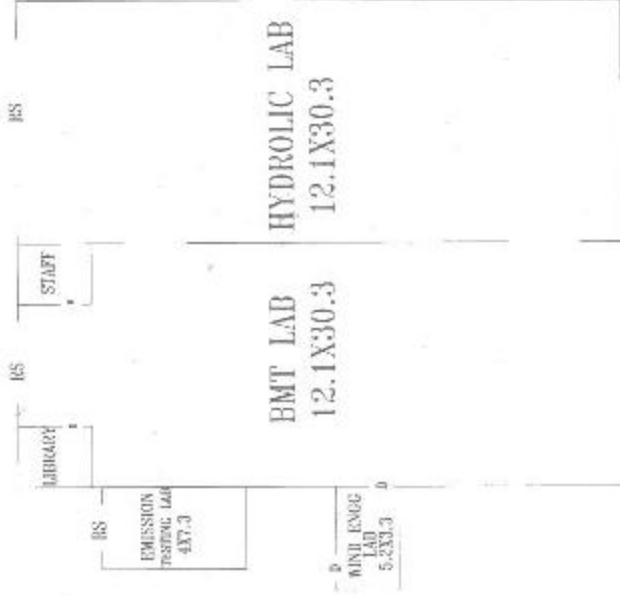
SERVICE STATION AREA 124 Sq. Mt.

PLAN OF THE EXISTING SERVICE STATION
BUILDING AT P.E.S COLLEGE OF
ENGINEERING, MANDYA

Prepared By:

CIVIL ENGINEERING DEPARTMENT

FLOOR AREA: 124 SMT.



AREA STATEMENT

DMT LAB: 1) 366.63 Sq. M.

HYDROLIC LAB: 2) 366.63 Sq. M.

EMISSION TESTING LAB: 3) 29.2 Sq. M.

WIND ENGG LAB: 4) 17.16 Sq. M.

TOTAL: 769 Sq. M.

AREA STATEMENT

OFFICE: 1) 12 Sq. Mt.

2) 12 Sq. Mt.

HALL: 1) 24.5 Sq. Mt.

STORE: 1) 9 Sq. Mt.

TOILET: 1) 9 Sq. Mt.

SITOUT: 1) 7 Sq. Mt.

TOTAL: 73.5 Sq. Mt.

STORE
3X3

TOILET
3X3

D

D

HALL
3.5X7.0

D

D

OFFICE
3X4

STAFF
3X4

D

SITOUT
3.5X2.0

PLAN OF THE EXISTING GEOLOGY AT
P.E.S COLLEGE OF ENGINEERING,
MANDYA

Prepared By

CIVIL ENGINEERING DEPARTMENT

PLACER AREA: 1310 SMT.

AREA STATEMENT(GROUND FLOOR)
 OFFICE: 11 24.7 Sq. M.
 H.Q.D CHAMBER: 11 24.7 Sq. M.
 PROFESSOR: 11 24.7 Sq. M.

STAFF: 11 24.7 Sq. M.
 21 24.7 Sq. M.
 31 24.7 Sq. M.
 41 13.25 Sq. M.

TERMINALS HALL: 11 22.74 Sq. M.
 PROJECT LAB: 11 21.2 Sq. M.
 MANUALS LIBRARY: 11 4.4 Sq. M.

LADIES WAITING ROOM: 11 13.25 Sq. M.
 GENTS TOILET: 1) 12.16 Sq. M.
 CONFIDERS: 1) 8.4 Sq. M.
 STAIRCASE: 1) 24.7 Sq. M.
 TOTAL: 528 Sq. M.

GROUND FLOOR: 622 Sq. M.
 FIRST FLOOR: 485 Sq. M.
 TOTAL FLOOR AREA: 1107 Sq. M.
 FLOOR AREA: GP-522 SMT
 FF: 485 SMT
 TOTAL: 1443 SMT



GROUND FLOOR



FIRST FLOOR

AREA STATEMENT(1ST FLOOR)
 H.Q.D CHAMBER: 1) 24.7 Sq. M.
 CLASS ROOM: 1) 13.25 Sq. M.
 2) 51.33 Sq. M.
 3) 51.33 Sq. M.

COMP FUDGE LAB: 1) 51.33 Sq. M.
 LADIES WAITING RM: 1) 21.25 Sq. M.
 HARDWARE LAB: 1) 22.74 Sq. M.
 INTERNET LAB: 1) 25.73 Sq. M.
 STORE: 1) 24.7 Sq. M.
 STAFF: 1) 22.52 Sq. M.
 2) 13.25 Sq. M.

CONFIDERS: 1) 8.4 Sq. M.
 TOILET: 1) 12.16 Sq. M.
 STAIRCASE: 1) 24.7 Sq. M.
 TOTAL: 527 Sq. M.

PLAN OF THE EXISTING COMPUTER SCIENCE DEPT. (GP&FF) AT P.E.S COLLEGE OF ENGINEERING, MANDYA

Prepared By: CIVIL ENGINEERING DEPARTMENT

AREA SCHEDULES/SECTION TABLE

OFFICE:	11	24.7	54	ML
H.O.D CHAMBER:	11	36.7	54	ML
SEMINAR HALL:	11	87.64	54	ML
CLASS ROOM:	11	31.25	54	ML
LABORATORY:	11	102.7	54	ML
MCA LAB:	11	85.45	54	ML
STORE:	11	54.7	54	ML
STAFF:	11	12.50	54	ML
	21	18.00	54	ML
CORRIDOR:	11	88	54	ML
LADDER TOILET:	11	18.00	54	ML
STAIRS:	11	24.7	54	ML
TOTAL:		511	54	ML



SECOND FLOOR



PLAN OF THE EXISTING CS DEPARTMENT AT P.E.S
COLLEGE OF ENGINEERING, MANDYA

Prepared By

CIVIL ENGINEERING DEPARTMENT

FLOOR AREA: 511 SMT.



AREA STATEMENT (ELECTRICAL)

OFFICE LAB. 1) 229.2 Sq. M.

RECEPTION LAB. 1) 3130.0 Sq. M.

STAFF: 1) 386.9 Sq. M.

STAFF: 1) 386.9 Sq. M.

STAFF: 1) 386.9 Sq. M.

TOILET: 1) 18.0 Sq. M.

TOILET: 2) 1.8 Sq. M.

LOUNGE & STORAGE: 1) 64.0 Sq. M.

GENERATOR ROOM: 1) 7.2 Sq. M.

CORRIDOR: 1) 186.0 Sq. M.

TOTAL: 748.0 Sq. M.

GROUND FLOOR

PLAN OF THE EXISTING ELECTRICAL ENGG. DEPT. (GF & FF) AT P.E.S. COLLEGE OF ENGINEERING, MANDYA

Prepared By:

CIVIL ENGINEERING DEPARTMENT

DATE: 08/08/2018

GP: 748 SMT

FF: 697 SMT

TOTAL: 1445 SMT



AREA STATEMENT (ELECTRICAL)

LIBRARY: 1) 38.16 Sq. M.

RECEPTION LAB: 1) 3130.0 Sq. M.

OFFICE/STAFF LAB: 1) 183.0 Sq. M.

STAFF: 1) 387.0 Sq. M.

STAFF: 2) 387.0 Sq. M.

STAFF: 3) 16.52 Sq. M.

LABORATORY: 1) 65.02 Sq. M.

CLASS ROOM: 1) 43.0 Sq. M.

CLASS ROOM: 2) 43.0 Sq. M.

CLASS ROOM: 3) 43.0 Sq. M.

TOILET: 1) 1.8 Sq. M.

TOILET: 2) 18.0 Sq. M.

STAFF: 1) 7.2 Sq. M.

CORRIDOR: 1) 195.0 Sq. M.

TOTAL: 697.0 Sq. M.

FIRST FLOOR

DATE: 08/08/2018

GP: 748 SMT

FF: 697 SMT

TOTAL: 1445 SMT

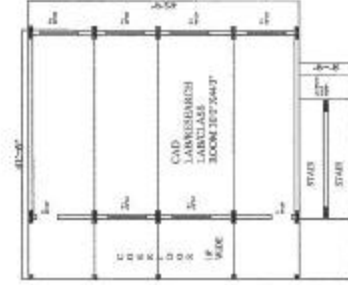
C.S. ENGG. DEPT.
CORRIDOR EXISTING



GROUND FLOOR PLAN

NOTE:
CORRIDOR 12' X 7' WITH DOOR 10' X 7'
CORRIDOR COLUMNS 9'-0\"/>

F & B
ENGG
DEPT.
CORRIDOR
EXISTING



FIRST FLOOR PLAN

Build-up Area Details:

G.F. 176.2 Sqm

F.F. 176.2 Sqm

Total 352.4 Sqm

**PROPOSED ELECTRICAL & ELECTRONICS ENGG.
DEPT. EXTENSION BUILDING, PESCE, MANDYA**

DR. B. S. SUDHAKAR NAYAK
ENGINEER
PE. COLLEGE OF ENGG.
MANDYA

DR. B. S. SUDHAKAR
NAYAK
ENGINEER
PE. COLLEGE OF ENGG.
MANDYA

DR. B. S. SUDHAKAR
NAYAK
PE. COLLEGE OF ENGG.
MANDYA



R. 820A
(M)

BUILT-UP AREA DETAILS:

G.F. 346.035sqm

F.F. 346.035sqm

S.F. 546.035sqm

TOTAL 1038.095sqm(1128Q)

OPENING DETAILS:

DOORS D 1.2X2.1M

D1 1X2.1M

D2 0.75X2.1M

WINDOEN W1 1.8X1.35M

W2 1.8X0.45M

W3 1.2X1.55M

W4 1.2X0.45M

V 1.8X0.45M

OPENING DETAILS:

DOORS D 1.2X2.1M(4No.)

D2 0.75X2.1 1No.

WINDOEN W1 1.8X1.35 12No.

W2 1.2X1.345 4No.

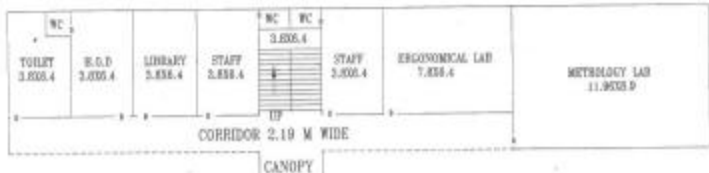


**PROPOSED S.F. EXTENSION PLAN
OF E & C ENGG., DEPT., @ PESCE.**

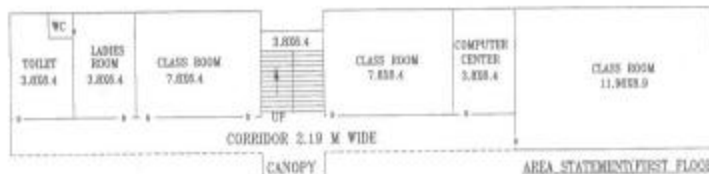
DR. S. V. S. RAMACHANDRAN
SPL. OFFR. ARCHT. DIVISION
P.O. S. C. L. NAMOTTA

DR. V. S. S. S. RAMACHANDRAN
SPL. OFFR. ARCHT. DIVISION
P.O. S. C. L. NAMOTTA

DR. H. D. S. RAMACHANDRAN
SPL. OFFR. ARCHT. DIVISION
P.O. S. C. L. NAMOTTA



GROUND FLOOR



FIRST FLOOR

AREA STATEMENT (FIRST FLOOR)

CELLAR FLOOR AREA: 69.42 Sq.Mt.

AREA STATEMENT (GROUND FLOOR)

- LIBRARY: 1) 24.32 Sq. Mt.
- BOD CHAMBER: 1) 24.32 Sq. Mt.
- STAFF: 1) 24.32 Sq. Mt.
- 2) 24.32 Sq. Mt.
- ERGONOMICAL LAB: 1) 49.92 Sq. Mt.
- METROLOGY LAB: 1) 106.44 Sq. Mt.
- STAIRCASE: 1) 24.32 Sq. Mt.
- TOILET: 1) 24.32 Sq. Mt.
- CORRIDOR: 1) 69 Sq. Mt.

TOTAL: 371 Sq. Mt.



CELLAR FLOOR

LADIES ROOM: 1) 24.32 Sq. Mt.

CLASS ROOM: 1) 49.92 Sq. Ft.

2) 49.92 Sq. Ft.

3) 106.44 Sq. Mt.

COMPUTER CENTER: 1) 24.32 Sq. Mt.

STAIRCASE & LAUNGE: 1) 24.32 Sq. Mt.

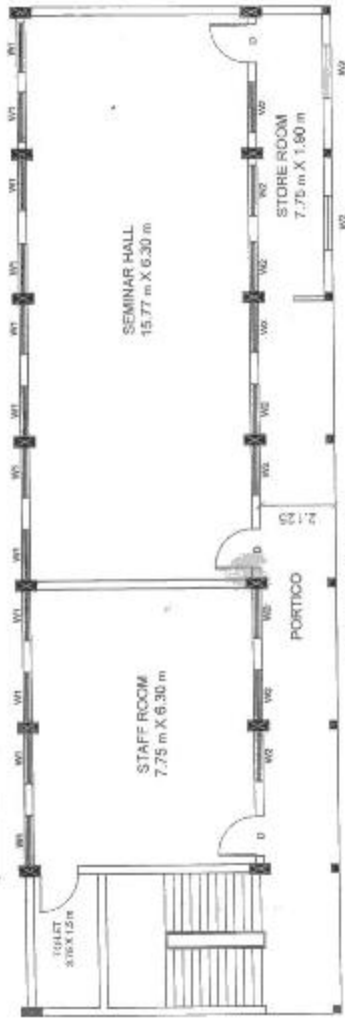
TOILET: 1) 24.32 Sq. Mt.

CORRIDOR: 1) 69 Sq. Mt.

TOTAL: 373 Sq. Mt.



24.265



SECOND FLOOR PLAN

BUILT-UP AREA = 215.59 SMT

DOORS D 1.20 X 2.10M

WINDOWS W1 1.40 X 1.35M

W2 1.40 X 0.45M

PROPOSED EXTENSION AT SECOND FLOOR OF
INDUSTRIAL & PRODUCTION ENGINEERING BLOCK
CONSTRUCTION, P.E.S.C.E. MANDYA

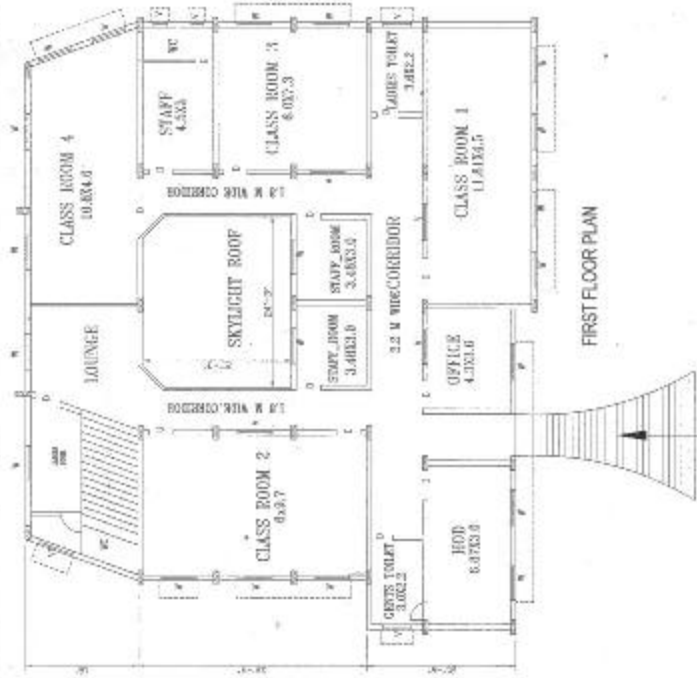
DR B S JAYASHANKAR BASHI
SPL. OFFICIAL BULDOZING DIVISION
P.E.S.C.E. MANDYA

DR V SREHAR
PRINCIPAL
P.E.S.C.E. MANDYA

DR. H.D. CHITRAIAH
PRESIDENT
P.E.T.O.RI MANDYA

AREA STATEMENT

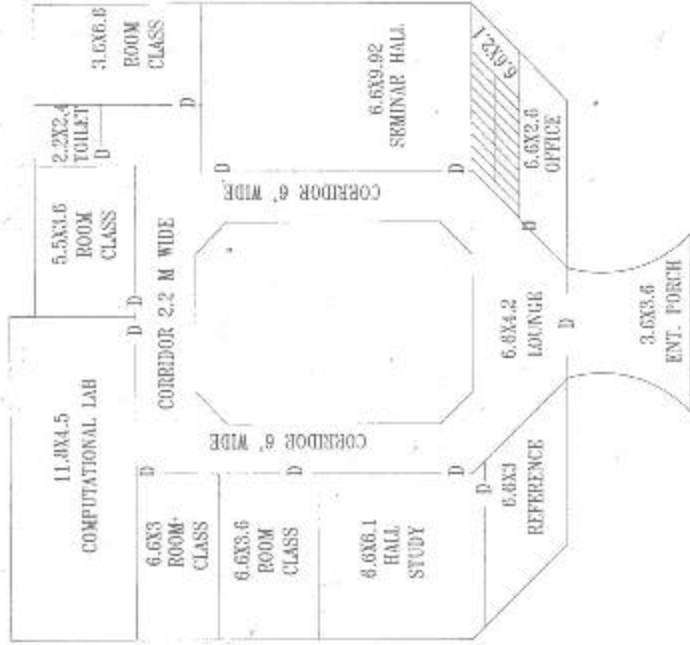
CLASS ROOM 1:	1)	53.14	Sq. M.
CLASS ROOM 2:	1)	56.20	Sq. M.
CLASS ROOM 3:	1)	43.80	Sq. M.
CLASS ROOM 4:	1)	49.68	Sq. M.
HOB:	1)	24.79	Sq. M.
OFFICE:	1)	15.48	Sq. M.
STAFF ROOMS:	1)	10.41	Sq. M.
	2)	10.44	Sq. M.
	3)	13.50	Sq. M.
CORRIDOR:	1)	76.00	Sq. M.
LOUNGE:	1)	21.00	Sq. M.
LADIES ROOM:	1)	28.79	Sq. M.
TOTAL FLOOR AREA:		408	Sq. M.



FIRST FLOOR PLAN

AREA STATEMENT

SEMINAR HALL: 1) 65.47 Sq. M.
COMPUTATIONAL LAB: 1) 53.1 Sq. M.
STUDY HALL: 1) 40.27 Sq. M.
REFERENCE: 1) 19.8 Sq. M.
OFFICE: 1) 17.16 Sq. M.
CLASS ROOMS: 1) 23.76 Sq. M.
2) 19.8 Sq. M.
3) 19.8 Sq. M.
4) 23.76 Sq. M.
LOUNGE: 1) 27.72 Sq. M.
CORRIDOR: 1) 76.18 Sq. M.
TOILET: 1) 5.28 Sq. M.
STAIRCASE: 1) 13.96 Sq. M.
TOTAL FLOOR AREA: 406 Sq. M.



AREA STATEMENT(GROUND FLOOR)

- LIBRARIAN: 1) 17.68 Sq. M.
- ASST.LIB./COUNTER: 1) 17.68 Sq. M.
- OFFICE: 1) 41.08 Sq. M.
- LIBRARY: 1) 276.06 Sq. M.
- NEWS PAPER ROOM: 1) 56.64 Sq. M.
- COMPUTER SECTION: 1) 17.68 Sq. M.
- STAIRCASE: 1) 14.96 Sq. M.
- LADIES TOILET: 1) 17.68 Sq. M.
- WC: 1) 3.7 Sq. M.
- CORRIDOR: 1) 35 Sq. M.

TOTAL: 489 Sq. M.

AREA STATEMENT(FIRST FLOOR)

- STAFF: 1) 17.68 Sq. M.
- 2) 17.68 Sq. M.
- 3) 17.68 Sq. M.
- REFERENCE SECTION: 1) 160.58 Sq. M.
- BOOK BANK SECTION: 1) 17.68 Sq. M.
- STORE: 1) 17.68 Sq. M.
- 2) 17.68 Sq. M.
- 3) 17.68 Sq. M.
- STAIRCASE: 1) 14.96 Sq. M.
- WC: 1) 3.7 Sq. M.
- CORRIDOR: 1) 35 Sq. M.

TOTAL: 338 Sq. M.



GROUND FLOOR



FIRST FLOOR

FLOOR AREA	
GF: 489 SMT	
FF: 338 SMT	
TOTAL: 827 SMT	

Prepared By:
CIVIL ENGINEERING DEPARTMENT

PLAN OF THE EXISTING LIBRARY BUILDING
(GFAFF) AT P.E.S COLLEGE OF
ENGINEERING, MANDYA

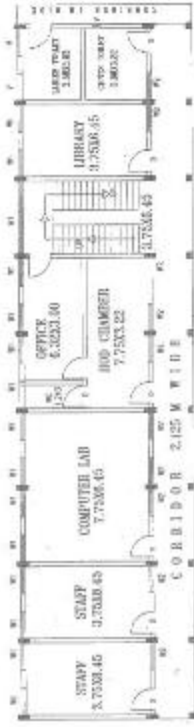


CELLAR FLOOR PLAN

AREA ESTIMATE(GROUND FLOOR):

- ROD CHAMBER: 1) 24.95 Sq. Mt.
 OFFICE: 1) 18.98 Sq. Mt.
 STAFF: 1) 31.68 Sq. Mt.
 2) 31.60 Sq. Mt.
 COMPUTER LAB: 1) 49.90 Sq. Mt.
 LIBRARY: 1) 24.18 Sq. Mt.

GROUND FLOOR PLAN



- LADIES TOILET: 1) 12.14 Sq. Mt.
 GENTS TOILET: 1) 11.84 Sq. Mt.
 WC: 1) 3.6 Sq. Mt.
 STAIRCASE/LOUNGE: 1) 31.68 Sq. Mt.
 CORRIDOR: 1) 80 Sq. Mt.
 2) 9.10 Sq. Mt.

TOTAL: 330 Sq. Mt.

Prepared By:

CIVIL ENGINEERING DEPARTMENT

FLOOR AREA

CF: 90 SMT

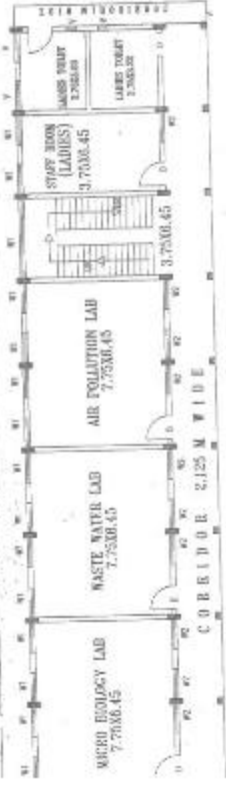
FF: 312 SMT

GF: 330 SMT

SF: 304 SMT

TOTAL: 1045 SMT

PLAN OF THE EXISTING M.C.A. DEPT.
 (CELLAR AND GF) AT P.E.S COLLEGE OF
 ENGINEERING, MANDYA



FIRST FLOOR PLAN



SECOND FLOOR PLAN

AREA STATEMENT-FIRST FLOOR:

AIR POLLUTION LAB:	1) 49.95 Sq. M.
MICRO BIOLOGY LAB:	1) 42.90 Sq. M.
WASTE WATER LAB:	1) 49.08 Sq. M.
LADIES STAFF ROOM:	1) 24.15 Sq. M.
LADIES TOILET:	1) 11.36 Sq. M.
LADIES TOILET:	1) 12.07 Sq. M.
STAIRCASE/LOUNGE:	1) 24.15 Sq. M.
CORRIDOR:	1) 60 Sq. M.
	2) 8.1 Sq. M.
TOTAL:	312 Sq. M.

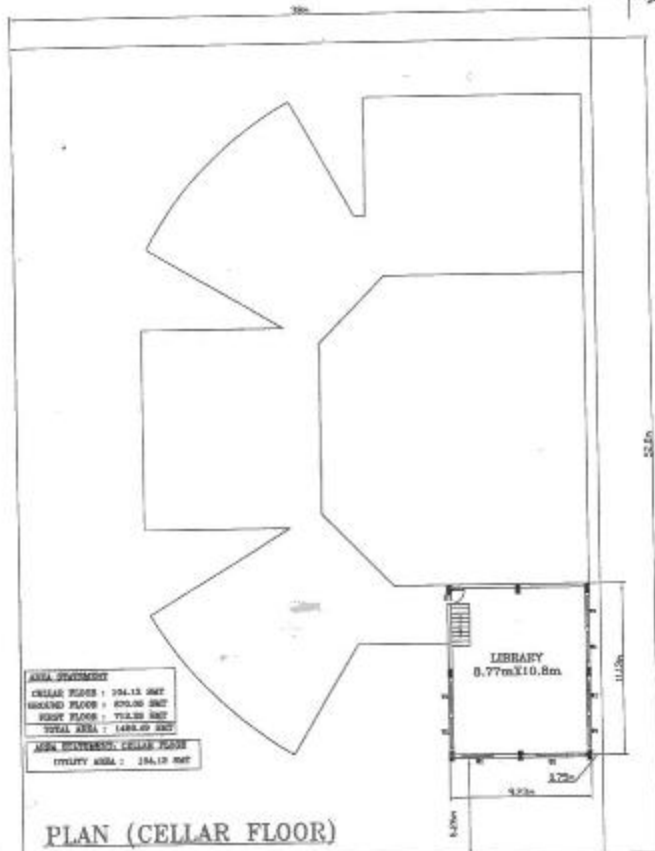
AREA STATEMENT-SECOND FLOOR:

CLASS ROOM:	1) 49.95 Sq. M.
	2) 42.90 Sq. M.
	3) 49.08 Sq. M.
PG-CLASS/SEMINAR HALL:	1) 49.95 Sq. M.
STAIRCASE/LOUNGE:	1) 24.15 Sq. M.
CORRIDOR:	1) 60 Sq. M.
TOTAL:	304 Sq. M.

LAM OF THE EXISTING M.C.A.
BLOCK-(FF&SF) AT F.E.S. COLLEGE OF
ENGINEERING, MANDYA

Prepared By:
CIVIL ENGINEERING DEPARTMENT

FLOOR AREA
FF: 312 SMT
SF: 304 SMT
TOTAL: 616 SMT



PROJECT OFFICE

SCALE

Dr. G.L. RAJAGAN PRASAD
TRICE, MANGAL.

S.S. JAYAKRISHNA DASU
PACKE, MANGAL.

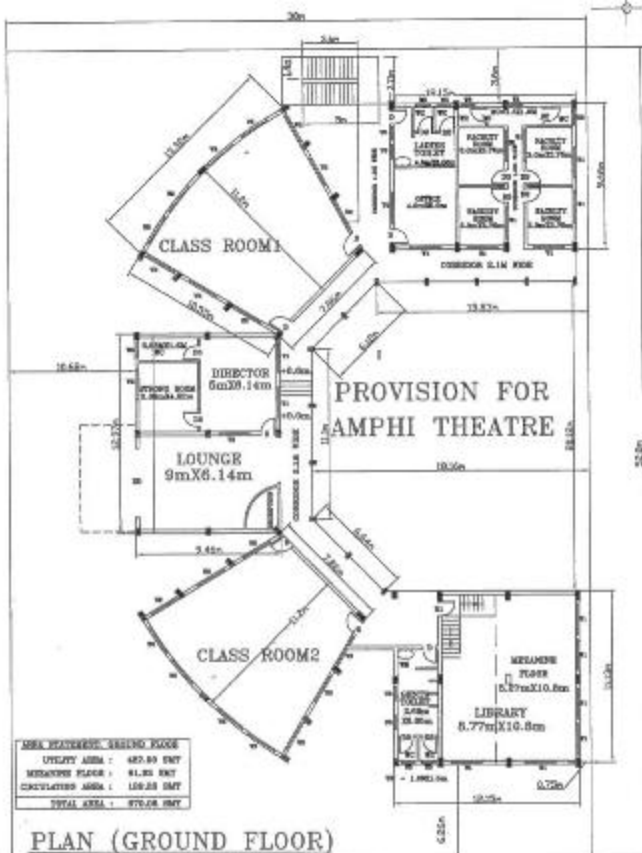
THIRU
SRI. SIVAN
PACKE, MANGAL.

Dr. V. SUDHA
PRINCIPAL,
P.E.S. COLLEGE OF ENGINEERING,
MANGAL.

Dr. KAMALAKSHI
DIRECTOR,
P.E.S. INSTITUTION,
PETTAI MANGAL.

S.S. CHANDRAN
PROJECT
PETTAI MANGAL.

PROPOSED PLAN FOR THE CONSTRUCTION
OF MBA BUILDING IN P.E.S. COLLEGE OF
ENGINEERING, MANGAL.



DESIGNED BY

Dr. G.L. SATEISH PRASAD
PONDY, MANDYA.

S.S. GOUDARAJAGA SMT
PONDY, MANDYA.

SCALE 1:50

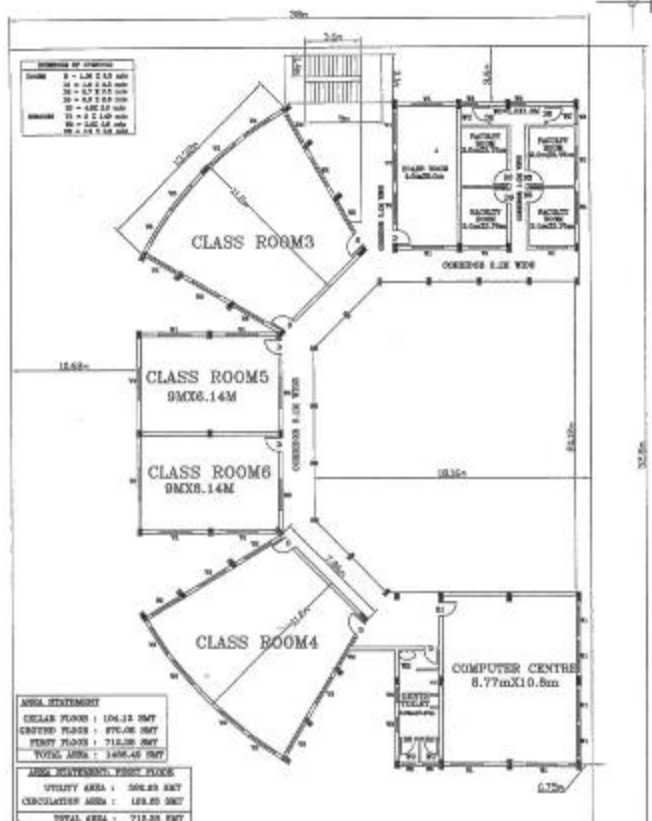
WHEEL
NO. 1000
PONDY, MANDYA.

Dr. V. SURESH
PRINCIPAL
P.E.S. COLLEGE OF ENGINEERING,
MANDYA.

Dr. RAMACHANDRA
DIRECTOR
P.E.S. INSTITUTION,
PONDY MANDYA.

S.D. CHITRAJEE
PROFESSOR
PONDY MANDYA.

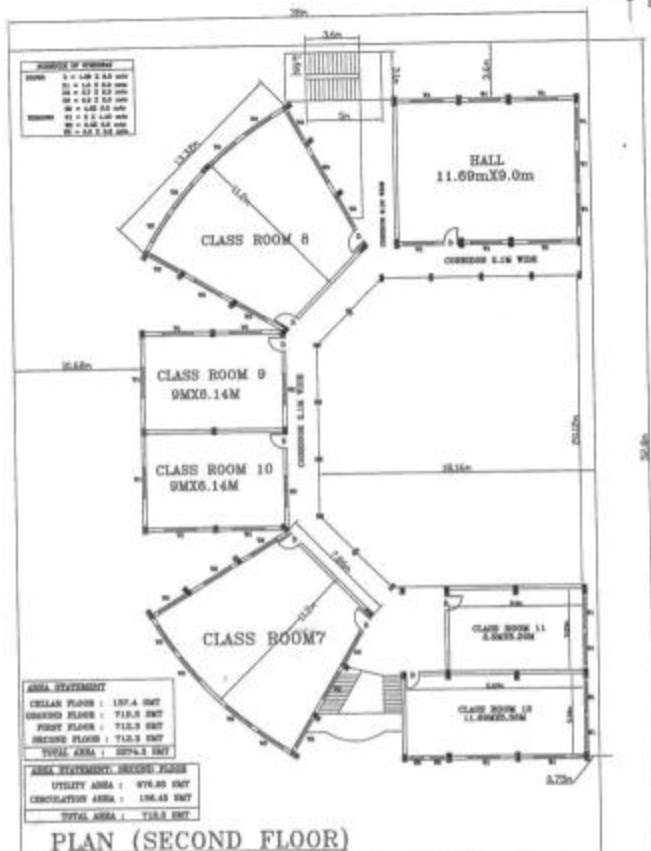
PROPOSED PLAN FOR THE CONSTRUCTION
OF MBA BUILDING IN P.E.S. COLLEGE OF
ENGINEERING, MANDYA.



PLAN (FIRST FLOOR)

<p>DR. G.L. RAJWADA PRASAD PROF., MANDYA.</p> <p>S.S. ANANDAKRISHNA SWAMY PROF., MANDYA.</p>	<p>DR. V. VENKAT PROFESSOR P.E.S. COLLEGE OF ENGINEERING, MANDYA.</p>	<p>DR. RAMANURAJAN PROFESSOR P.E.S. INSTITUTION, PRODDI, MANDYA.</p>	<p>W.A. CHANNARAJ PROFESSOR PRODDI, MANDYA.</p>
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PROPOSED PLAN FOR THE CONSTRUCTION OF MBA BUILDING IN P.E.S. COLLEGE OF ENGINEERING, MANDYA.



DR. S.L. SAHAYAN PONDAR PRINC., MANDYA.	DR. S. ATANANANDA SWAMY PRINC., MANDYA.	DR. V. SURESH PRINCIPAL, P.E.S. COLLEGE OF ENGINEERING, MANDYA.	DR. RAMACHANDRA DIRECTOR P.E.S. INSTITUTIONS, PECHU MANDYA.	S.S. CHOWDARI PROFESSOR PECHU MANDYA.
--	--	--	--	---

PROPOSED PLAN FOR THE CONSTRUCTION OF MBA BUILDING IN P.E.S. COLLEGE OF ENGINEERING, MANDYA.

AREA STATEMENT(GROUND FLOOR)

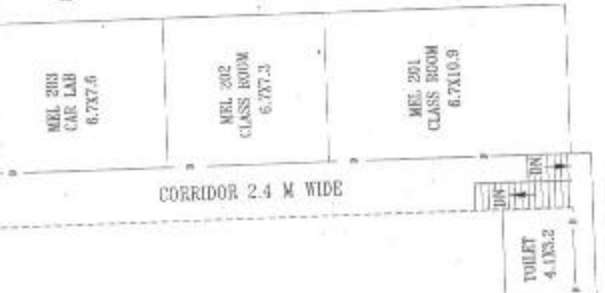
LABORATORIES: 1) 50.92 Sq. M.
2) 50.92 Sq. M.

OFFICE: 1) 22.11 Sq. M.
STAFF: 1) 24.12 Sq. M.

3RD CHAMBER: 1) 24.12 Sq. M.
TOILET: 1) 13.12 Sq. M.

CORRIDOR: 1) 65 Sq. M.

TOTAL: 251 Sq. M.



AREA STATEMENT(FIRST FLOOR)

LABORATORIES: 1) 50.92 Sq. M.
CLASS ROOM: 1) 48.91 Sq. M.
2) 73.03 Sq. M.
TOILET: 1) 13.12 Sq. M.
CORRIDOR: 1) 65 Sq. M.
TOTAL: 251 Sq. M.

GROUND FLOOR

FIRST FLOOR

Prepared By:

FLOOR AREA
GF: 251 SMT
FF: 251 SMT
TOTAL : 502 SMT

PLAN OF THE EXISTING MECHANICAL ENGG.
DEPT.(GF&FF) AT P.E.S. COLLEGE OF
ENGINEERING, MANDYA

CIVIL ENGINEERING DEPARTMENT

AREA STATEMENT(GROUND FLOOR)

- MEA LIBRARY: 1) 7.92 Sq. M.
 PROFESSOR: 1) 14.85 Sq. M.
 ASSISTANT PROFESSOR: 1) 14.85 Sq. M.
 2) 14.85 Sq. M.
 LECTURERS: 1) 14.85 Sq. M.
 2) 14.85 Sq. M.
 3) 14.85 Sq. M.
 CORRIDOR: 1) 30 Sq. M.
 TOILET: 1) 3.86 Sq. M.
 2) 3.24 Sq. M.
 3) 3.24 Sq. M.
 4) 2.16 Sq. M.
 STAIRCASE: 1) 3.06 Sq. M.

TOTAL: 143 Sq. M.



GROUND FLOOR

AREA STATEMENT(FIRST FLOOR)

- STAFF: 1) 14.85 Sq. M.
 UPS: 1) 14.85 Sq. M.
 CAD LAB: 1) 77.14 Sq. M.
 CORRIDOR: 1) 30 Sq. M.
 TOILET: 1) 2.16 Sq. M.
 STAIRCASE: 1) 3.06 Sq. M.
 TOTAL: 142 Sq. M.



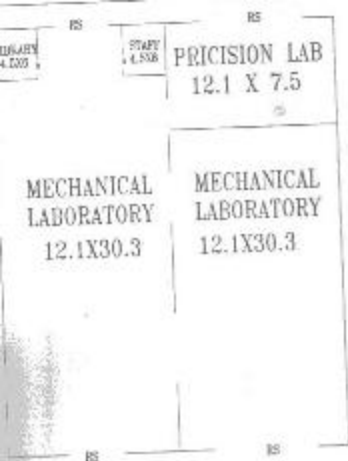
FIRST FLOOR

PLAN OF THE EXISTING MECHANICAL STAFF AND CAD LAB BUILDING AT P.E.S COLLEGE OF ENGINEERING, MANDYA

Prepared By:

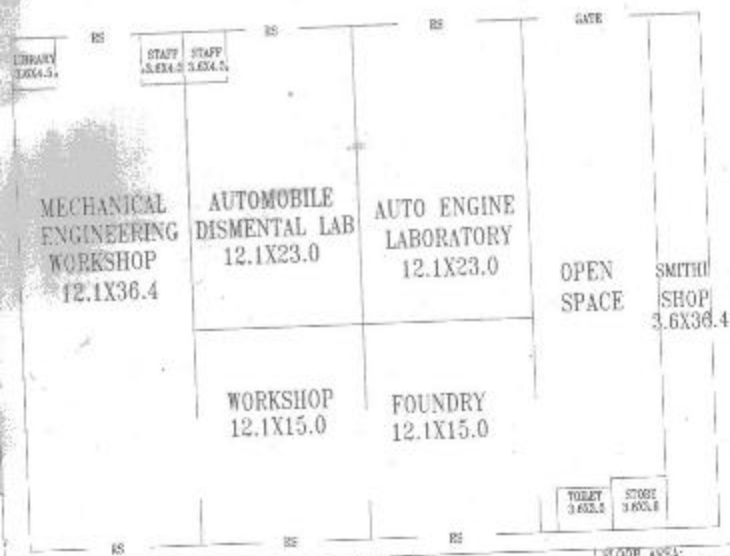
1008 MBG / S 3
 GE: ~~MBG~~ SMT
 PE: ~~MBG~~ SMT
 TOTAL: ~~MBG~~ SMT

CIVIL ENGINEERING DEPARTMENT



AREA STATEMENT

MECHANICAL LABORATORY:	1) 366.83 Sq. Mt.
	2) 366.53 Sq. Mt.
MECHANICAL ENGG WORKSHOP:	1) 440.44 Sq. Mt.
AUTOMOBILE ENGG WORKSUOP:	1) 440.44 Sq. Mt.
WORKSHOP LABORATORY:	1) 440.44 Sq. Mt.
SMITHI SHOP:	1) 131.04 Sq. Mt.
TOTAL:	2186 Sq. Mt.



PLAN OF THE EXISTING MECHANICAL ENGG. LABORATORIES AT P.E.S COLLEGE OF ENGINEERING.

Prepared By: CIVIL ENGINEERING DEPARTMENT

FLOOR AREA: 2186 SMT.

31.92 M

RS

OFFICE
8 X 10

TABLE TENNIS
15 X 10

10.46 M

CO OPERATIVE STORES
8 X 10

D

D

AREA ASSESSMENT

OFFICE: 80 Sq.M.

TABLE TENNIS: 150 Sq.M.

CO-OP. STORES: 80 Sq.M.

CIRCULATION: 23.68 Sq.M.

TOTAL: 333.88 Sq.M.

PLAN OF THE EXISTING SPORTS SECTION &
COOPERATIVE SECTION BUILDING AT P.E.S
COLLEGE OF ENGINEERING, MANDYA

Prepared By:

CIVIL ENGINEERING DEPARTMENT

PLANT AREA-333.88 SMT.

AREA STATEMENT

CONSULTING: 1) 10.8 Sq. M.

VERANDA: 1) 7.05 Sq. M.

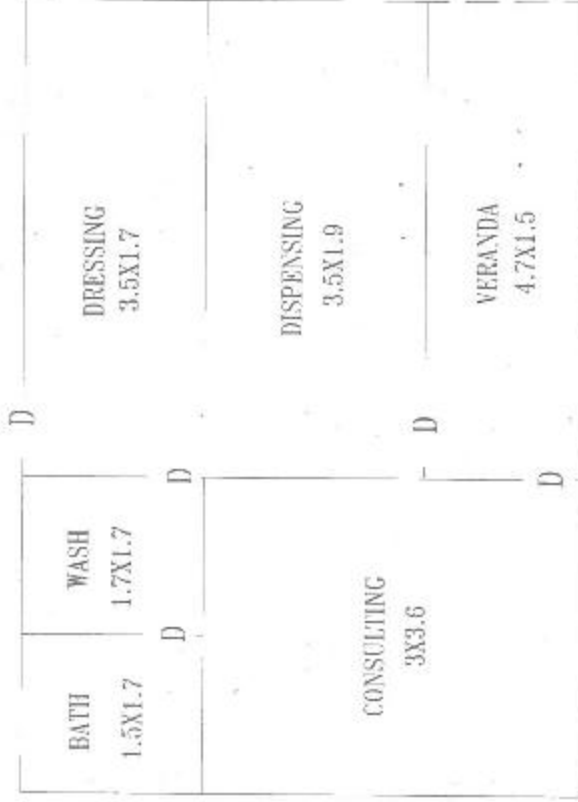
DISPENSING: 1) 6.85 Sq. M.

DRESSING: 1) 5.95 Sq. M.

WASH: 1) 2.89 Sq. M.

BATH: 1) 2.55 Sq. M.

TOTAL: 36 Sq. M.





19 X 25 SMT

GATE

PLAN OF THE EXISTING CYCLE
STAND AT P.E.S COLLEGE OF
ENGINEERING, MANDYA

Prepared By:

CIVIL ENGINEERING DEPARTMENT

TOTAL AREA:

475 SMT.



50 X 22



PLAN OF THE EXISTING VEHICLE STAND
(TWO WHEELER) AT P.E.S COLLEGE OF
ENGINEERING, MANDYA

Prepared By:

CIVIL ENGINEERING DEPARTMENT

FLOOR AREA: 1100 SMT.

ATTACHED SLICE OF GRADING FLOOR

100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200
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AREA STATEMENT (FIRST FLOOR)

OFFICE: 1) 20.52 Sq. M.
 LIBRARY: 1) 44.82 Sq. M.

ROOMS: 1) 222X24=492.48 Sq. M.
 2) 7.0X17=119.0 Sq. M.
 3) 8.4X13=109.2 Sq. M.

CORRIDOR: 1) 353.02 Sq. M.

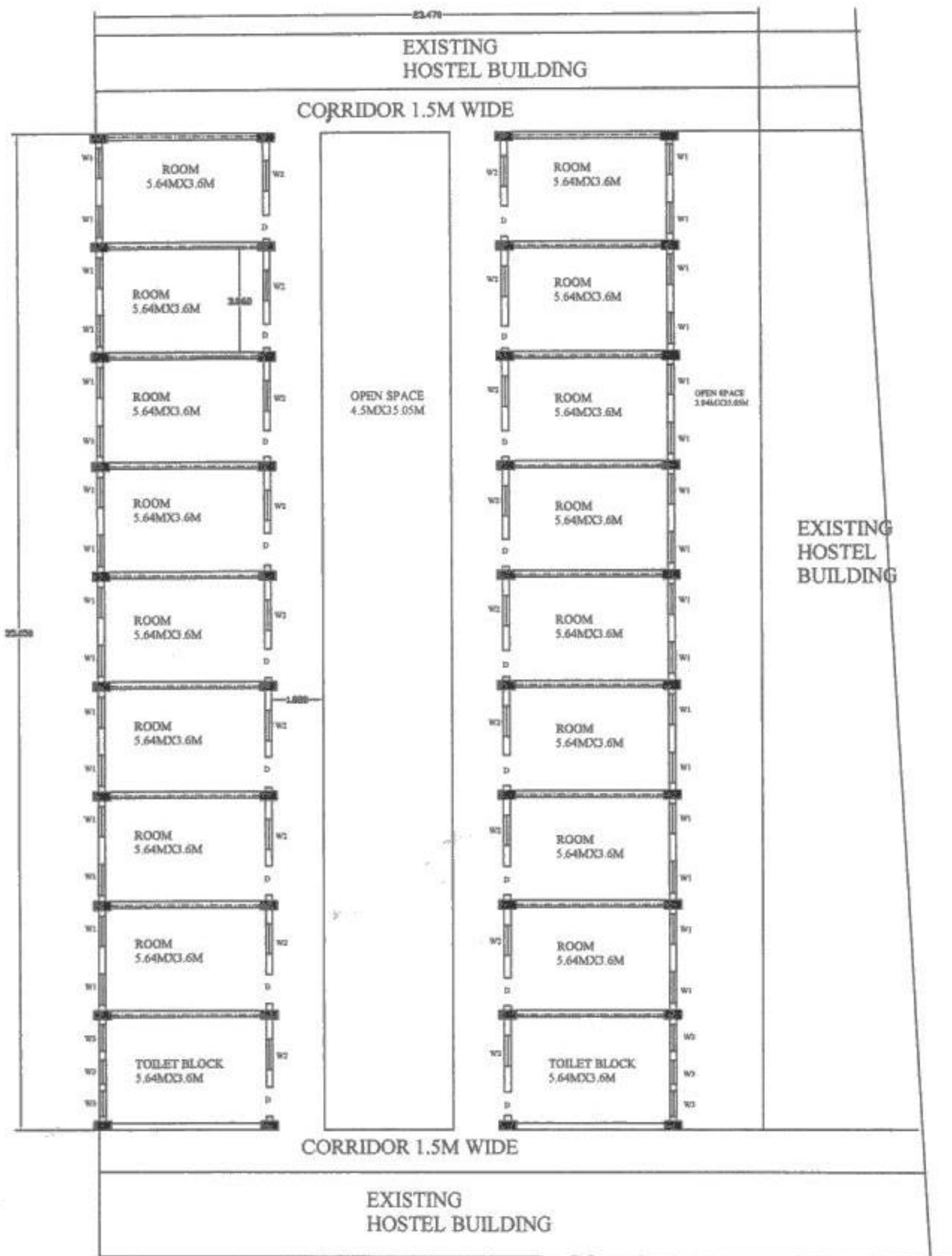
STAIRCASE: 1) 14.04 Sq. M.
 2) 7.8 Sq. M.

WC&BATH&WASH: 1) 31.92X2=63.84 Sq. M.
 2) 44.8X2=89.6 Sq. M.

TOTAL: 1328 Sq. M.

100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200
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FIRST FLOOR & SECOND FLOOR



PROPOSED BOYS HOSTEL PLAN AT
P.E.S.C.E., MANDYA



G.F.PLAN
BUILT-UP AREA 555.19 SMT

B.E. JAYANANKASABU
SPECIAL OFFICER
BUILDING DIVISION
P.E.S.C.E., MANDYA

Dr. V. SRIDHAR
PRINCIPAL
P.E.S.C.E., MANDYA

DR. H. D. CHOWDAIAH
PRESIDENT
P.E.T.(R)
MANDYA

AREA STATISTICS (SCHEDULE TABLE)

OFFICE: 1) 24.26 Sq. M.

ROOMS: 1) 13.6022-335.00 Sq. M.

3) 17.6431-33.56 Sq. M.

3) 24.2602-48.72 Sq. M.

4) 27.6025-82.00 Sq. M.

GAM ROOM: 1) 28.14 Sq. M.

DRIVING: 1) 82.0 Sq. M.

RESTROOM: 1) 45.1 Sq. M.

STORE: 1) 28.29 Sq. M.

TRUCK: 1) 24.28 Sq. M.

PARTY: 1) 20.08 Sq. M.

CORRIDOR: 1) 227 Sq. M.

STAIRWAYS: 1) 140 Sq. M.

STAB RESSAIDE: 1) 55.44 Sq. M.

TOTAL: 1625 Sq. M.



PLAN OF THE EXISTING V.S.V.M HOSTEL BUILDING (GROUND FLOOR) AT P.L.S COLLEGE OF ENGINEERING, MAUDVA

Prepared By: CIVIL ENGINEERING DEPARTMENT

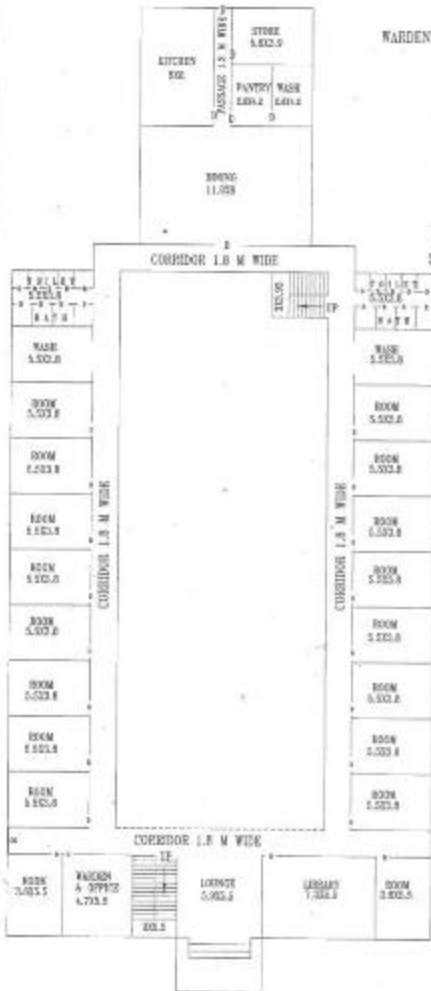
FILE NO. AREA
 GP: 1552 SQ
 PF: 1378 SQ
 TOTAL: 2930 SQ



FIRST FLOOR

AREA STATEMENT(GROUND FLOOR)

WARDEN & OFFICE:	1)	25.55	Sq. Mt.
LIBRARY:	1)	40.15	Sq. Mt.
ROOMS:	1)	20.9 X18=376.2	Sq. Mt.
LOUNGE:	1)	32.45	Sq. Mt.
DINING:	1)	95.2	Sq. Mt.
KITCHEN:	1)	40	Sq. Mt.
STORE:	1)	21.84	Sq. Mt.
PANTRY:	1)	11.76	Sq. Mt.
WASH:	1)	11.76	Sq. Mt.
CORRIDOR:	1)	232.81	Sq. Mt.
STAIRCASE:	1)	28.29	Sq. Mt.
WASH:	1)	20.9X2=41.8	Sq. Mt.
TOILET:	1)	20.9X2=41.8	Sq. Mt.
TOTAL:		1000	Sq. Mt.



GROUND FLOOR

PLAN OF THE EXISTING GIRLS HOSTEL BUILDING
(GROUND FLOOR) AT P.E.S COLLEGE OF
ENGINEERING, MANUVA

Prepared By:

CIVIL ENGINEERING DEPARTMENT

FLR: 000

CP: 1000 SMT

PT: 248 SMT

TOTAL: 1048 SMT

AREA STATEMENT (FIRST FLOOR)

TV ROOM: 1) 32.45 Sq. Mt.

ROOM: 1) 25.85 Sq. Mt.

ROOMS: 1) 20.9 X 20=418 Sq. Mt.

RECREATION HALL: 1) 95.2 Sq. Mt.

OPEN SPACE: 1) 40 Sq. Mt.

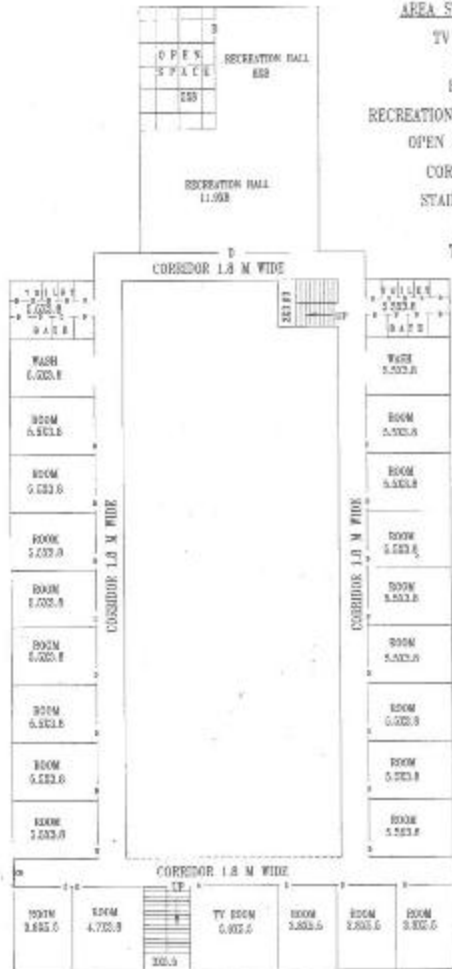
CORRIDOR: 1) 232.81 Sq. Mt.

STAIRCASE: 1) 28.29 Sq. Mt.

WASH: 1) 20.9X2=41.8 Sq. Mt.

TOILET: 1) 20.9X2=41.8 Sq. Mt.

TOTAL: 957 Sq. Mt.



FIRST FLOOR



FIRST FLOOR

AREA: STATEMENT (BEST FLOOR)

ROOMS: 1) 12.6 X 19 = 239.4 Sq. Ft.

TOILETS & WASHING: 1) 40.8 Sq. Ft.

STAIRCASE: 1) 12.0 Sq. Ft.

CORRIDOR: 1) 15.4 Sq. Ft.

TOTAL: 424 Sq. Ft.

Prepared By:

PLAN OF THE EXISTING WORKING WOMEN'S
HOSTEL BUILDING AT P.E.S COLLEGE OF
ENGINEERING, MANDYA



SECOND FLOOR

AREA: STATEMENT (SECOND FLOOR)

ROOMS: 1) 12.0 X 19 = 228.0 Sq. Ft.

TOILETS & WASHING: 1) 40.8 Sq. Ft.

STAIRCASE: 1) 12.0 Sq. Ft.

CORRIDOR: 1) 15.4 Sq. Ft.

TOTAL: 424 Sq. Ft.

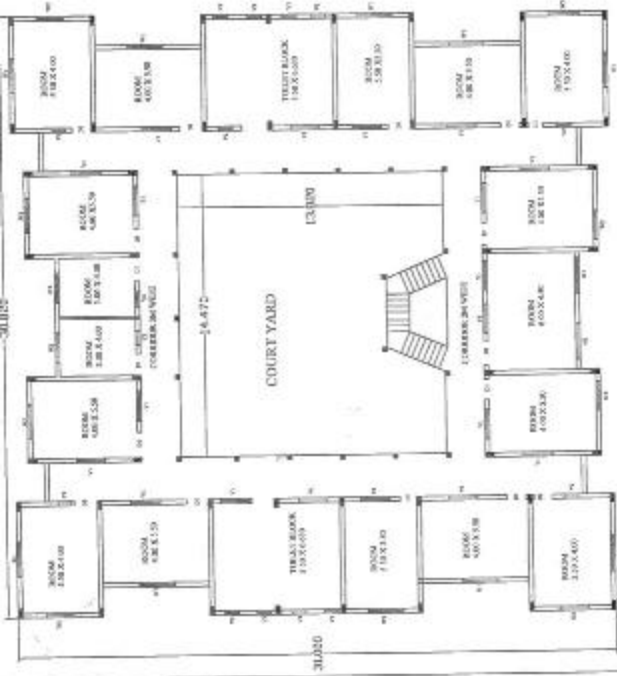
FLOOR AREA

GF: 424 SMT

F7: 424 SMT

TOTAL: 848 SMT

CIVIL ENGINEERING DEPARTMENT



BUILT UP AREA:
731.2 Sqm(7871 SR)

SECOND FLOOR PLAN

PROPOSED S.F. PLAN, J. ADEIS
HOSTEL BUILDING, PESCE,
MANDYA

H. S. JAYASHANKAR RAO
SPECIAL OFFICER
BUILDING DIVISION
PESCE, MANDYA

DR. V. SRINIVAR
PRINCIPAL
PESCE, MANDYA

DR. H. D. CHOWDAMAI
PRESIDENT
P. E. U. (R), MANDYA

AREA ASSESSMENT

GARDEN STORE: 67.5 Sq.Mt.

STORE: 80 Sq.Mt.

TOTAL: 147.5 Sq.Mt.

D

GARDEN STORE
4.5 X 15

BUILDING MATERIAL
STORE
6 X 15

D

PLAN OF THE EXISTING GARDEN STORE
AT P.E.S COLLEGE OF ENGINEERING,
MANDYA

Prepared By:

CIVIL ENGINEERING DEPARTMENT

FLOOR AREA 147.5 SQM.

GENTS
GREEN ROOM
3.5X5

CULTURAL STAGE
12.15X9.15

LADIES
GREEN ROOM
3.5X5

AREA STATEMENT

GREEN ROOM:1) 17.5X2=35 Sq. Mt.

CULTURAL STAGE:1) 111 Sq. ML

TOTAL: 146 Sq. ML

'LAN OF THE EXISTING OPEN AIR THEATRE AT
'E.S COLLEGE OF ENGINEERING, MANDYA

Prepared By:

CIVIL ENGINEERING DEPARTMENT

FLOOR AREA: 149 SMT.

AREA STATEMENT

WASH: 1) 9.61 Sq. M.

PANTRY: 1) 9.61 Sq. M.

PREPARATION: 1) 9.61 Sq. M.

STORE: 1) 8.99 Sq. M.

COOKS ROOM: 1) 6.1 Sq. M.

KITCHEN: 1) 19.2 Sq. M.

SERVICE COUNTER: 1) 10.2 Sq. M.

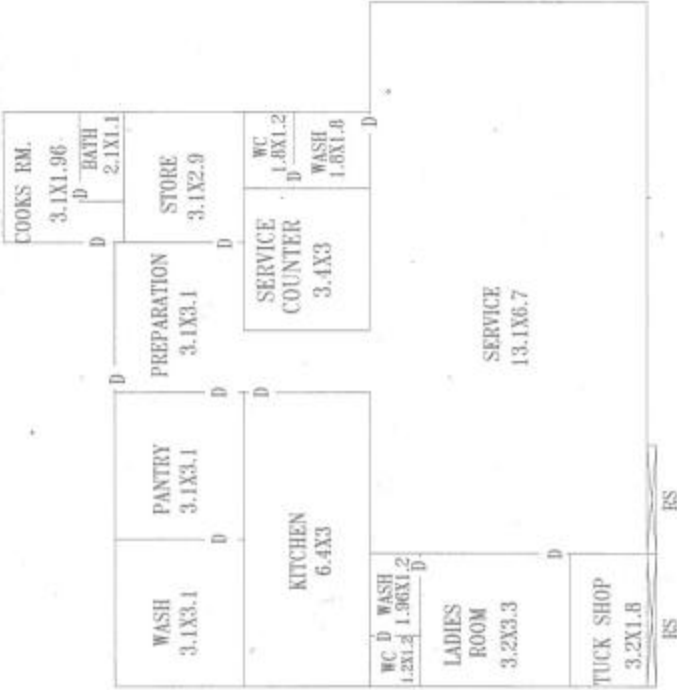
LADIES ROOM: 1) 10.56 Sq. M.

SERVICE HALL: 1) 87.77 Sq. M.

TUCK SHOP: 1) 5.76 Sq. M.

WC & BATH: 1) 5.55 Sq. M.

TOTAL: 163 Sq. M.



PLAN OF THE EXISTING CANTEN BUILDING
AT P.E.S. COLLEGE OF ENGINEERING,
MANDYA

Prepared By:

CIVIL ENGINEERING DEPARTMENT

FLOOR AREA: 163 SMT.

AREA ASSESSMENT

PHYSICAL DIRECTOR OFFICE: 19.04 Sq.ML

VERANDA: 100.64 Sq.ML

STORE: 33.75 Sq.ML

LADIES TOILET: 13.5 Sq.ML

GENTS TOILET: 13.5 Sq.ML

TOTAL: 181 Sq.ML

GROUND AREA: 9600-181 = 9419 Sq.ML.

LADIES
TOILET
4.5 X 3 D

STORE
4.5 X 7.5 D

GENTS
TOILET
4.5 X 3 D

VERANDA
13.6X7.4

PHYSICAL
OFFICE
3.4X5.6 m²

DIRECTOR

ENT. GATE

PLAN OF THE EXISTING OUTDOOR STADIUM
AT P.E.S COLLEGE OF ENGINEERING,
MANDYA

Prepared By:

CIVIL ENGINEERING DEPARTMENT

FLOOR AREA: 181 SMT.
GROUND AREA: 9419 SMT.

Prof. H.V. VENKATAKRISHNA

M.E., P.E. (India), Chartered Engineer, F.A.SCE(S), RM, M.AE, M.I.S.T.E

Ret. Prof. of Civil Engineering
National Institute of Technology, Karnataka
P.O. Sirsihazragar, Bangalore - 575025

Flat No. 116, Silverwood Orchids, 1st Road,
Post: Sirsihazragar, Bangalore-560075
Ph. No. 28792200 Mob. 9343294105
Mail ID: prof_hvkv@yahoo.co.in

STRUCTURAL STABILITY REPORT

1. NAME OF THE B.U. OR RG	Civil Engineering Department
2. NUMBER OF FLOORS	2 (G.F. and F.F.)
3. BUILDING TYPE	Load bearing brick masonry wall
3(a) MAIN SUBJECT	
Ground Floor	Office, class rooms, staff rooms & toilet
First Floor	Classrooms, staff rooms & toilet
3(b) LAB BUILDING	Steel roof truss with RC Slab roof supported on brick masonry wall
4. BUILT UP AREA	
Ground Floor	885.15 Sqm
First Floor	826.78 Sqm
Lab Building	1071.00 Sqm
Total built up area	3362.93 Sqm
5. YEAR OF CONSTRUCTION	1985
6. SUPERSTRUCTURE	
Ground Floor	RC floor slab on RC beam and on masonry wall
First Floor	RC roof slab on RC beam and on masonry wall
Weather Proof Course	Good
7. SUBSTRUCTURE	
Foundation	Site Stone Masonry spread foundation upon L.Sm foundation depth.
Type of Soil	Red soil
8. CRACKS/FEATURES ETC	
Structural Cracks	Nil
Superficial Cracks	Nil
Settlement Cracks	Nil
Corrosion Cracks	Nil
Condition of Steel roof truss	Very good, presently in service
9. MAINTENANCE OF BUILDING	Satisfactory



Checked/Endorsed by:
Prof. H.V. VENKATAKRISHNA

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14/03/2018

Based on the detailed inspection it is found that the building is resting on firm soil with suitable foundation. There are no defects/deficiencies in any part of the building. The maintenance of the building is satisfactory. After carefully inspecting the building it is found to be in good condition and possesses adequate strength and stability to last for more than 10 years. With proper maintenance.

Prof. H.V. VENKATAKRISHNA

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STRUCTURAL STABILITY REPORT

1	NAME OF THE BUILDING	Electrical Engineering Department
2	NUMBER OF FLOORS	2 (G.F. and F.F)
3	BUILDING TYPE	Load bearing Brick masonry wall.
4	MAIN BUILDING	
	Ground Floor	Office, class rooms, staff rooms & toilet
	First Floor	Classrooms, staff rooms & toilet
4	BUILT-UP AREA	
	Ground Floor	784.14 Sqm
	First Floor	802.53 Sqm
	Total built up area	1586.67 Sqm
5	YEAR OF CONSTRUCTION	1965
6	SUPERSTRUCTURE	
	Ground Floor	RC floor slab on RC beams and on masonry wall.
	First Floor	RC roof slab on RC beams and on masonry wall.
	Weather Proof Course	Good
7	SUBSTRUCTURE	Size stone masonry spread foundation, upto 1.5m foundation depth.
	Foundation	
	Type of Soil	Red gravel
8	DISTRESS FEATURES IF ANY	
	Structural Cracks	Nil
	Superficial Cracks	Nil
	Settlement Cracks	Nil
	Corrosion Cracks	Nil
9	MAINTENANCE OF BUILDING	Satisfactory

Based on the detailed inspection it is found that the building is resting on firm soil with suitable foundation. There are no distress features in any part of the building. The maintenance of the building is satisfactory. After conducting necessary tests, the building is found to be in sound condition and possesses adequate strength and stability to last for more than 30 years, with proper maintenance.

11/07/2017
Prof. H.V. VENKATAKRISHNA
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STRUCTURAL STABILITY REPORT

1	NAME OF THE BUILDING	Mechanical Engineering Department
2	NUMBER OF FLOORS	2 (G.F. and F.F.)
3	BUILDING TYPE	Load bearing Brick masonry wall.
3(a)	MAIN BUILDING	
	Ground Floor	Office, class rooms, staff rooms & toilet
	First Floor	Classrooms, staff rooms & toilet
3(b)	LAB BUILDING	Steel roof trusses with AC sheet roof supported on brick masonry wall.
4	BUILT-UP AREA	
	Ground Floor	282.11 Sqm
	First Floor	276.24 Sqm
	Lab Building	2287.39 Sqm
	Total built up area	2845.54 Sqm
5	YEAR OF CONSTRUCTION	1965
6	SUPERSTRUCTURE	
	Ground Floor	RC floor slab on RC beam and on masonry wall
	First Floor	RC roof slab on RC beam and on masonry wall
	Weather Proof Course	Good
7	SUBSTRUCTURE	
	Foundation	Size stone masonry spread foundation, upto 1.5m depth.
	Type of Soil	Red gravel
8	DISTRESS FEATURES IF ANY	
	Structural cracks	Nil
	Superficial cracks	Nil
	Settlement cracks	Nil
	Corrosion cracks	Nil
	Condition of Steel roof trusses	Very good, properly maintained.
9	MAINTENANCE OF BUILDING	Satisfactory

Based on the detailed inspection it is found that the building is resting on firm soil with suitable foundations. There are no distress features in any part of the building. The maintenance of the building is satisfactory. After conducting necessary tests, the building is found to be in sound condition and possesses adequate strength and stability to last for more than 10 years, with proper maintenance.


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P.E.S COLLEGE OF ENGINEERING MANDYA 571 401

PESCE BOYS HOSTEL





P.E.S COLLEGE OF ENGINEERING MANDYA 571 401

PESCE GIRLS HOSTEL





VSVM BOYS HOSTEL





The Recent Initiatives taken by the college are:

✓ Centre of Excellence in

Centre for Diagnostic Maintenance (CDM) – (Mechanical Engineering)

In recent times Condition-Based Maintenance (CBM) and Prognostics has emerged as a significant technology that is making an impact on industrial maintenance practices. CBM technology characterized by the merging and strong coupling of interdisciplinary trends from the engineering sciences, computer sciences, reliability engineering, communications, management, etc. All these diagnostic and prognostic technology elements, techniques, and capabilities must be applied and implemented wisely to obtain maximum benefit impacts. The applications are in manufacturing systems, power plants, turbines, bearings, chemical plants, on-board car-engine diagnosis. Condition monitoring equipment is used extensively in the energy, petrochemical, cement, steel, paper and pulp industries.

VLSI Design Lab (Dept. of Electronics & Communication Engineering)

To provide good VLSI design facility to UG and PG students and develop facilities for research scholars in the field of VLSI design to achieve excellence in this field and to motivate faculty members to take up research work and guide students in this area of specialization. To conduct regular training programs for students and faculty members from other academic institutions who want to improve their knowledge and practical skill in VLSI design and embedded system. The facilities available in the VLSI and HDL lab are CAD tools 6.1.6.64 bit version, Xilinx EDA tool ISE 14.2 software and FPGA kit such as Spartan 6, Vertex 5, and Vertex 6. Using these facilities, the PG and UG students can do experiments and projects in VLSI design and HDL. The research scholars can use these facilities.

Medical Image processing laboratory (Dept. of Electronics & Communication Engineering)

The Facilities / services available are High-end workstations with high-resolution monitors (desktop computers), MATLAB Software-Version 15.B, Teaching Aid Interactive Panel, Network Accessories Router Cisco 1905. Work being carried in the areas; Diabetic Retinopathy, Retinopathy of Prematurity, MRI Image segmentation algorithms and Medical Image De-noising.



High Voltage Insulation Laboratory - (Dept. of Electrical & Electronics Engg.)

Facilities / services available in the laboratory are Shielded Chamber Based on faraday cage Principle, Vacuum system with high pressure chamber, High Frequency High Voltage Generator, at lab 30MHz Dual Trace Oscilloscope, PD free High voltage Generation Unit, Shielded chamber based on Faraday Cage principle & PC based partial Discharge analyser.

Center for Alternative Energy Resource (CAER) – (Geology)

This facility caters for, Awareness on Rain Water Harvesting and Bore well recharging techniques, Global warming, Green Environment, Water Pollution, Demonstration of Solar Energy, Bio- Fuel and Bio Gas production using Kitchen waste. Encouraging various research activities in the entire Bio fuel chain involving universities and research organizations (UG students project program)

Internet of Things (IoT) Laboratory – (Computer Science and Engineering)

The laboratory used for Development boards compatible with Arduino platform, microchip chip kit platform and Zolertia boards, Raspberry PI boards for embedded, sensor, networks and HP Intel core duo systems. Lab dedicated for doing project and research oriented work.

Network Forensics– (Computer Science and Engineering)

Network forensics is a sub branch of digital forensics relating to the monitoring and analysis of computer network for purposes of information gathering, legal evidence and intrusions detection, to carry out the project and research oriented work.

- ❖ Emission Testing Centre
- ❖ Automobile Service Centre
- ❖ Centre for Robotics and Automations
- ❖ High Voltage Insulation Laboratory

✓ Major Laboratories

- ❖ Computer Aided Engineering Drawing Laboratory
- ❖ Diagnostic Maintenance Laboratory
- ❖ CAD/CAM Laboratory
- ❖ High Voltage Testing Laboratory



P.E.S. College of Engineering, Mandya



Ranked 2nd
Under the category of Govt. Aided Institutions & Colleges

An Autonomous Institution affiliated to VTU, Belagavi, Aided by Govt. of Karnataka,
Accredited by NAAC & NBA (6 UG Programmes), New Delhi.



- ❖ Internet and Wi-Fi Browsing
- ❖ Computing Laboratories
- ❖ Networking Laboratory
- ❖ VLSI Laboratory
- ❖ Metrology Laboratory
- ❖ Tribology Laboratory
- ❖ Wind Tunnel Laboratory

The Institution provides amenities like

- All the office and staff rooms are equipped with computers, printers, scanners and photocopying facilities
- All the departments have individual notice boards, RO water purifiers with refrigeration facility and suggestion box.

Following are the building details of PESCE, Mandya showing of total build-up area

Sl. No.	Building Details	Area in sq. m
1	Administrative Area	3957.17
2	ALH block	36.00
3	Automobile Engineering	1258.00
	a. Service Station	124.00
	Civil Engineering	1443.00
	a. BMT & Hydraulics Lab	780.00
	b. Geology block	1318.00
	c. Alumni block	586.80
4	Computer Science & Engineering	1954.00
5	Electrical & Electronics Lab	1445.00
	a. High voltage & CAD Lab	352.4
6	Electronics & Communication Engineering	1637.00
	a. Extension block	1038.09
7	Industrial & Production Engineering	814.00
	a. Seminar Hall	215.59
8	Information Science & Engineering	406.00



P.E.S. College of Engineering, Mandya



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	a. PET Research Centre	406.00
	Library block	837.00
9	MCA	1661.00
10	MBA	2274.3
11	Mechanical Engineering	502.00
	Staff Room	285.00
	Workshop & Labs	2186.00
12	Training & Placement Cell	2200.9
13	Sports & Cooperative Store Station	333.88
14	Medical Center	36.00
15	Parking Area (Scooter/cycle)	1575.00
16	Hostels	
	a. Boys hostel in Campus & Extension block	4981.19
	b. VSVM boys	3198.00
	c. Girls hostel-1	1949.00
	d. Girls hostel-2	2193.48
	e. Girls hostel-3	2193.60
17	Garden & Building Materials Store	147.50
18	Open Air Theatre	146.00
19	Canteen building	183.00
20	Stadium	9419.00
Total Area in Sq. Mts		54072.90

The Institution has developed special infrastructure facilities for the physically challenged students such as:

- Ramp to have easy access to all the floors of the administrative block.
- Whenever it is necessary relocation of the class rooms and exam halls provided to physical challenged students.
- Ensuring the availability of all general amenities in the ground floor.
- Special attention and counseling is done periodically.



Hostel Facilities: Area:

PESCE has three hostels, out of these two are situated inside the college campus and one is situated near K.S.R.T.C Bus stand which is one km away from the college.



PESCE Boys Hostel: Area: This is situated inside the college campus in a separate building. There are 90 single bedded rooms 21 double bedded rooms and 73 triple bedded rooms, where all the rooms are furnished with cots and almira for each boarder. The Hostel has been furnished to accommodate 350 boarders per year, where the admission will be strictly on first come first serve basis. At present there are about 325 students presently in the hostel who are provided with the accommodation. Hostel provides both vegetarian and non-vegetarian food to the boarders at the reasonable cost and mess bill will be calculated under dividing system. Security arrangements are provided round the clock. Alcohol, Gambling, Tobacco consumption and ragging are strictly prohibited in the college campus hostel.

PESCE Boys Hostel				
Name of the Block	Capacity (Nos.)	Occupancy (Nos.)	No. of Rooms	Facilities Available
Ground Floor	100	89	53	1. Solar water Heater 2. Wi-Fi 3. TV Room 4. Mess facility 5. CCTV 6. Reading Room-Newspapers 7. Sewage Treatment Plant 8. 24X7 Security 9. Generator power supply 10. Care takers/Resident Tutors 11. 24/7 RO Purified Drinking Water
First Floor	107	101	56	
Second Floor	111	103	58	
PG block	32	32	16	
Total (Boys)	350	325	183	



PESCE Girls Hostel



PESCE Girls Hostel: Area: This is situated adjacent to the college in a separate building. There are 67 double bedded rooms and 102 triple bedded rooms, where all rooms are furnished with cots and almirah for each boarder. At present there are about 322 students residing in the hostel. The atmosphere is suitable for conducive studies. Hostel provides vegetarian food to the boarders at reasonable cost and runs under dividing system. Security arrangements are provided round the clock.

PESCE Girls Hostel				
Name of the Block	Capacity (Nos.)	Occupancy (Nos.)	No. of Rooms	Facilities Available
Main Building	202	179	70	1. Solar water Heater 2. Wi-Fi 3. TV with cable connection 4. Mess facility 5. CCTV 6. Reading Room- Newspapers 7. Sewage Treatment Plant 8. 24X7 Security 9. Generator power supply 10. Care takers/Resident Tutors
Second Building	106	65	53	
New Building	132	78	46	
Total	440	322	169	



VSVM Boys Hostel



VSVM Boys Hostel: Area: It is located opposite to K.S.R.T.C bus stand and is managed by the PESCE, Mandya and is for 1st year engineering students. There are about 67 double and 3 quad bedded rooms which can provide loading facilities to 146 students, at present there are 108 students residing in the hostel. All the rooms are well furnished. Hostel provides both vegetarian and non-vegetarian food to the boarders at a reasonable cost and runs under dividing system. The hostel is having good library with more than 400 volumes of books in Engineering and Technology which can be utilized by the boarders. Hostel also has indoor game facilities like Carrom and Chess etc. Security is provided around the clock.

VSVM Hostel				
Name of the Block	Capacity (Nos.)	Occupancy (Nos.)	No. of Rooms	Facilities Available
Ground Floor	78	48	38	1. Solar water Heater 2. Internet 3. TV with cable connection 4. Mess facility 5. CCTV 6. Reading Room-Newspapers 7. 24X7 Security 8. Generator power supply 9. Care takers/Resident Tutors 10. Drinking water facilities
First Floor	68	60	32	
Total (Boys)	146	108	70	